Department of Conservation & Recreation
CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

AS-BUILT REPORT FOR CLASS I, II, AND III IMPOUNDING STRUCTURES

Reference: Impounding Structure Regulations, 4VAC50-20-00 et seq., Virginia Soil and Water Conservation Board

1. Project Information:
   a. Name of Impounding Structure: _____
   b. Inventory Number: _____
      Other Name (if any): _____
   c. Name of Reservoir: _____
2. Location of Impounding Structure:
   a. City/County: _____ Magisterial District: _____
   b. Located _____ feet/miles upstream/downstream of Hwy. # _____
   c. Name of River or Stream: _____
   d. Latitude: _____ Longitude: _____
3. Ownership:
   a. Owner's Name: _____
   b. Mailing Address: _____
      _____
      _____
   c. Telephone: (____) _____
4. Construction/Alteration Design Report:
   a. Design Report Prepared by: _____
   b. Design Report Date: _____
   c. Construction/Alteration Permit #: _____Date Issued: _____

The following As-Built Report is to provide the necessary information of a Safety Inspection Report for future reinspection:

5. Safety Inspection Report (if applicable):
   a. Safety Inspection Report Prepared By: _____
   b. Safety Inspection Report date: _____
6. Project Information: Provide a narrative describing the impounding structure:
   a. Description of dam and appurtenances; Embankment Length _____;
      Height_____; Top Elevation _____; Top Width _____;
      Sideslopes Upstream _____; Downstream _____;
      Principal Spillway (size & type) _____;
      Emergency Spillway Elevation _____;
      Width of Spillway_____.

b. Location: _____
_____
_____
_____

c. Size Classification: Height: _____ft. Maximum Capacity _____Ac-Ft
Size Classification - Small Medium Large (Circle One)

d. Hazard classification: Downstream condition: _____
_____
_____
_____
Hazard Classification - Class I Class II Class III (Circle One)

e. Ownership: _____
_____

f. Purpose of dam, describe: _____
_____
_____
_____
_____

g. Design and construction history: _____
_____
_____
_____
_____

h. Normal operating procedures: _____
_____
_____
_____
_____

i. Drainage area: _____
_____
_____
_____

j. Discharge at dam site:
Low Level Outlet: _____
Principal Spillway: _____
Emergency Spillway: _____

k. Dam and reservoir data, describe (Use Regulatory Table 1 Descriptions): _____
_____
_____

7. Engineering Data: Provide a narrative describing the engineering data:

a. Designed by: _____

b. Constructed by: _____

Date of Construction: _____

c. Evaluation of Design and Construction: _____

_____

8. Visual Inspection: Provide a Description of the final As-Built Inspection:

a. Inspection date: _____

b. Inspection by: _____

c. General observations: _____

_____

_____

d. Dam: _____

_____

_____

e. Principal Spillway: _____

_____

_____

f. Emergency Spillway: _____

_____

_____

g. Low Level Outlet: _____

_____

_____

h. Other Appurtenances: _____

_____

_____

i. Reservoir Area: _____

_____

_____

j. Downstream Channel/Area: _____

_____

_____

k. Instrumentation: _____

_____

_____

l. Evaluation: _____

_____

_____

9. Operational Procedures: Provide a narrative describing the impounding structure procedures:

a. Operation: _____

_____

_____

_____

b. Maintenance: _____

_____

_____

_____

c. Emergency Action Plan: _____

_____

_____

_____

d. Evaluation: _____

_____

_____

_____

10. Hydraulic/Hydrologic Data: Provide a narrative describing hydraulic/hydrologic data:

a. Design: _____

_____

_____

_____

b. Hydrologic records: _____

_____

_____

_____

c. Flood experience: _____

_____

_____

_____

d. Flood potential: _____

_____

_____

_____

e. Reservoir regulation: _____

_____

_____

_____

f. Overtopping potential: _____

_____

_____

_____

g. Reservoir emptying potential: _____

_____

_____

_____

h. Evaluation: _____

_____

_____

_____

11. Dam Stability: Provide a narrative describing impounding structure stability:

a. Foundation/abutments: _____

_____

_____

_____

b. Embankment materials: _____

_____

_____

_____

c. Embankment stability: _____

_____

_____

_____

d. Evaluation: _____

_____

_____

_____

12. Assessment/Remedial Measures: Provide a narrative describing the As-Built condition of the impounding structure:

a. Dam assessment: _____

_____

_____

_____

b. Recommended remedial measures: _____

_____

_____

_____

CERTIFICATION BY OWNER'S ENGINEER

I hereby certify that the information provided in this As-Built Report has been examined by me and found to be true and correct in my professional judgment.

Signed _____

(Professional Engineer)

Virginia Number _____

This _____ day of _____, 20_____.

Please fill out and mail this form to:
Department of Conservation and Recreation
Division of Dam Safety
203 Governor Street
Richmond, Virginia 23219-2094